

**AMENDMENTS**

**In the Claims:**

Claims 1-84 (Cancelled)

85. (New) A method comprising:

providing a subject known to suffer from an aging associated condition;  
determining the state of the autonomic nervous system by measuring a parasympathetic activity/sympathetic activity ratio in at least a portion of the subject's autonomic nervous system;  
evaluating the parasympathetic activity/sympathetic activity ratio to determine if modulation of the autonomic nervous system is needed; and  
administering to said subject an effective amount of at least one beta-blocker if modulation of the autonomic nervous system is needed to produce a parasympathetic activity/sympathetic activity ratio in at least a portion of said subject's autonomic nervous system that is analogous to the parasympathetic activity/sympathetic activity ratio observed in a healthy 25 year old human subject to treat said subject for said aging associated condition.

86. (New) The method according to Claim 85, wherein said portion of the subject's autonomic nervous system is in need of modulation.

87. (New) The method according to Claim 85, wherein said aging associated condition is characterized by a sympathetic bias.

88. (New) The method according to Claim 87, wherein said aging associated condition is characterized by normal sympathetic activity.

89. (New) The method according to Claim 87, wherein said aging associated condition is characterized by abnormally high sympathetic activity.

90. (New) The method according to Claim 87, wherein said aging associated condition is characterized by abnormally low parasympathetic activity.

91. (New) The method according to Claim 86, wherein said method comprises increasing the parasympathetic activity/sympathetic activity ratio in said portion of said subject's autonomic nervous system.

92. (New) The method according to Claim 91, further comprising increasing said parasympathetic activity.

93. (New) The method according to Claim 91, further comprising decreasing said sympathetic activity.

94. (New) The method according to Claim 85, wherein said aging associated condition is loss of parasympathetic function.

95. (New) The method according to Claim 85, wherein said beta-blocker is propranolol.

96. (New) The method according to Claim 85, further comprising administering an effective amount of at least one non-beta-blocker.

97. (New) The method according to Claim 96, wherein said non-beta-blocker is an NSAID.

98. (New) The method according to Claim 97, wherein said beta-blocker is propranolol.

99. (New) The method according to Claim 98, wherein said propranolol and said NSAID are concomitantly administered in unit dosage form.

100. (New) The method according to Claim 86, wherein said at least one beta-blocker is administered orally at least once a day to said subject.

101. (New) The method according to Claim 86, wherein said administering is for a period of at least 24 hours.

102. (New) The method according to Claim 85, wherein said method further comprises employing a control feedback loop.

103. (New) The method according to Claim 102, wherein said control feedback loop maintains said parasympathetic activity/sympathetic activity ratio that is analogous to the parasympathetic activity/sympathetic activity ratio observed in a healthy 25 year old human subject in at least a portion of said autonomic nervous system, such that said modulating is repeated one or more times.

104. (New) The method according to Claim 103, wherein said modulating comprises repeating the same beta-blocker protocol.

105. (New) The method according to Claim 103, wherein said modulating comprises administering at least two different beta-blocker protocols.

106. (New) The method according to Claim 105, where the difference in said beta-blocker protocols comprises a difference in dose.

107. (New) The method according to Claim 85, wherein said method further comprises identifying a subject known to suffer from an aging associated condition.

108. (New) The method according to Claim 85, further comprising stimulating at least a portion of said subject's autonomic nervous system.

109. (New) The method according to Claim 108, wherein said stimulating comprises contacting at least a portion of said subject's autonomic nervous system with at least one electrode and applying electrical energy to at least a portion of said subject's autonomic nervous system.